AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (Previously Presented) A mobile LAN for a first number of hosts, comprising:

a router connected to said first number of hosts in the mobile LAN;

a mobile station connected to said router, said mobile station adapted to wirelessly communicate to an external network;

at least one host in the first number of hosts being capable of generating packet data including a locally defined network layer address suitable for transmission within said mobile LAN;

memory connected to said router for storing one or more globally defined network layer addresses of the kind utilized in communicating data to at least one host connected in said external network; and

an address translator connected to said memory and said router for translating said locally defined network layer address generated by said at least one host in the first number of hosts into one of said one or more globally defined network layer addresses.

2. (Previously Presented) A mobile LAN as claimed in claim 1, wherein:

said address translator, after receiving data received via said mobile station, changes a destination address field of data packets originated externally to said mobile LAN and intended for a first of said first number of hosts from a globally defined network layer address into a locally defined network layer address that identifies said first of said first number of hosts.

3. (Canceled)

4. (Previously Presented) A mobile LAN as claimed in claim 1, wherein:

said router, said memory and said address translator are disposed in said mobile station.

5. (Previously Presented) A mobile LAN as claimed in claim 1, wherein:

the number of said one or more globally defined network layer addresses stored in said memory is one.

6. (Currently Amended) [[A]] In a mobile LAN in which a plurality of hosts are connected to a router, a method of communicating packet data between ~~a first host among a first number of interconnected hosts in a mobile LAN and a second host in~~ each of the hosts and an external network utilizing globally defined addresses, said packet data being routed and radio transmitted to said external network, said method comprising the steps of:

(a) utilizing a unique locally defined network layer address in said packet data to be communicated by ~~said first~~ each host within said mobile LAN;

(b) storing, in a router associated with ~~said first number of interconnected~~ the plurality of hosts in the mobile LAN, ~~one or more~~ a corresponding number of globally defined network layer addresses of the kind utilized in communicating ~~and said second host in~~ data to the external network, and

(c) translating the locally defined network layer address in said packet data communicated by ~~the first host~~ each of the hosts into one of the ~~said~~ globally defined network layer addresses stored in step b).

7-10. (Canceled)

11. (Previously Presented) The mobile LAN of claim 1, wherein:

a plurality of said globally defined network layer addresses are stored in a memory closely associated with said router, said address translator translating said packet data generated by said at least one host in the first number of hosts, prior to a

wireless communication with said external network, to include a first globally defined network layer address stored in said memory so long as successive communications between said at least one host in the first number of hosts and said at least one host in the external network occur within a predetermined period of time from each other.

12. (Previously Presented) The mobile LAN of claim 11, wherein:

said address translator translates said packet data generated by said at least one host in the first number of hosts to include a second globally defined network layer address stored in said memory upon an affirmative determination that said successive communications between said at least one host in the first number of hosts and said at least one host in the external network occurred a period of time apart from each other that is greater than said predetermined period of time.

13. (Previously Presented) The mobile LAN of claim 1, wherein:

said router directs said translated packet data towards a wireless interface between said mobile LAN and said external network, and then to at least one host in the external network.

14. (Currently Amended) The method of claim 6, further including the step of:

routing said packet data having said globally defined network layer address to ~~said second host~~ the external network via a wireless ~~network~~ link.

15. (Currently Amended) The method of claim 6, further comprising the steps of:

receiving packet data from ~~said second host~~ the external network, said packet data including ~~a~~ globally defined network layer destination address identifying ~~the first host~~ one of the hosts in the mobile LAN;

translating said globally defined network layer destination address in said packet data ~~from said second host~~ into a locally defined network layer destination address that identifies the ~~first~~ identified host in the mobile LAN; and

routing to the ~~first~~ identified host, said packet data from ~~said second host~~ the external network having said locally defined network layer destination address.

16. (Canceled)

17. (Currently Amended) The method of ~~claim 6, further comprising~~ claim 14, wherein the step of~~: sending said~~ routing the packet data having said globally defined network layer address to ~~said second host~~ the external network includes routing the packet data from a mobile station~~; and~~

~~said step of storing stores said one or more globally defined network layer addresses in the mobile station~~.

18. (Currently Amended) The method of claim 6, wherein:

said locally defined network layer address in said packet data communicated by the ~~first~~ host in the mobile LAN is translated into a second one of said globally defined network layer addresses upon successive communications of packet data between the ~~first~~ host in the mobile LAN and the ~~second host~~ external network occurring a period of time apart exceeding a predetermined period of time.

19-24. (Canceled)